



Substitute for form 1449A/ITO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4		Complete if Known Application Number 10/759,416 Filing Date January 16, 2004 First Named Inventor ANSARI, Aseem Z. Group Art Unit 1636 Examiner Name Laura McGillem Attorney Docket Number 09820.265	
--------------	--	---	--

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
JM		6,506,906	B1	Dervan	01-14-2003	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
JM		PCT	97/003332	A1	Heckt et al.	01-30-1997		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
JM		ANSARI, 2001, Regulating Gene Expression: The Design of Synthetic Transcriptional Regulators, <i>Curr. Org. Chem.</i> 5:903-921	
JM		ANSARI et al., 2002, Modular design of artificial transcription factors, <i>Curr. Opin. In Chem. Biol.</i> , 6:765-772	
JM		ARKIN et al., 2003, Binding of small molecules to an adaptive protein-protein interface, <i>PNAS</i> , 100(4):1603-1608	
JM		ASAI et al., 1996, Thiol-Mediated DNA Alkylation by the Novel Antitumor Antibiotic Leinamycin, <i>J. Amer. Chem. Soc.</i> , 118:6802-6803	
JM		BAIRD et al., 1996, solid Phase Synthesis of Polyamides Containing Imidazole and Pyrrole Amino Acids, <i>J. Amer. Chem. Soc.</i> 118:6141-6146	
JM		BEHRENS et al., 1998, A Combinatorial Approach to New DNA Minor Groove Binders, <i>Combin. Chem. High Throughput Screening</i> , 1:127-134	
JM		BEHRENS et al., 2001, Synthesis of a Hoechst 32258 Analogue Amino Acid Building Block for Direct Incorporation of a Fluorescent, High-Affinity DNA Binding Motif into Peptides, <i>Bioconjugate Chem.</i> , 12:1021-1027	

Examiner Signature	Laura McGillem	Date Considered	8/28/2006
--------------------	----------------	-----------------	-----------

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	10/759,416
				Filing Date	January 16, 2004
				First Named Inventor	ANSARI, Aseem Z.
				Group Art Unit	1636
Examiner Name	Lavea McGillem				
Sheet	2	of	4	Attorney Docket Number	09820.265

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T	
JM		BEWLEY et al., 1998, Minor Groove-Binding Architectural Proteins: Structure, Function, and DNA Recognition, <i>Annu. Rev. Biophys. Biomol. Struct.</i> , 27:105-131		
JM		BIESECKER et al., 1999, Derivation of RNA Aptamer inhibitors of human complement C5, <i>Immunopharm.</i> , 42:219		
JM		BLESS et al., 1997, Protective effects of an aptamer inhibitor of neutrophil elastase in lung inflammatory injury, <i>Curr. Biol.</i> , 7:877		
JM		BOCH et al., Selection of single-stranded DNA molecules that bind and inhibit human thrombin, <i>Nature</i> , 355:564		
JM		BRENOWITZ et al, 1986, 1986.1992, Quantitative Dnase Footprint Titration: A Method for Studying Protein-DNA Interactions, <i>Methods Enzymol.</i> , 130:132-181		
JM		BRENOWITZ et al., "Footprint" Titrations Yield Valid Thermodynamic Isotherms, <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 83:8462-8466		
JM		BREYDO et al., 2001, Thiol-Independent DNA Alkylation by Leinamycin, <i>J. Amer. Chem. Soc.</i> , 123(9):2060-2061		
JM		CHOO & KLUG, 1994, Selection of SNA binding sites for zinc fingers using rationally randomized DNA reveals coded interactions, <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 91:11168-11172		
JM		CHOO & ISALAN, 2000, Advances in zinc finger engineering, <i>Curr. Opin. Struct. Biol.</i> , 10:411-416		
JM		CLEMENS et al., 1994, Relative Contributions of the Zinc Fingers of Transcription Factor IIIA to the Energetics of SNA Binding, <i>J. Mol. Biol.</i> , 244:23-25		
JM		CORDEIRO et al., 2000, Modulating conjunctival wound healing, <i>Eye</i> , 14:536-47		
Not considered		CURRENT PROTOCOLS IN MOLECULAR BIOLOGY, John Wiley & Sons, Inc., New York, NY 1994-2004 (COPY NOT PROVIDED)		
JM		DUNCAN et al., 1998, Regulation of a Transcription Factor Network Required for Differentiation and Metabolism, <i>Science</i> , 281:692-695		
JM		DURVEN & BURLI, 1999, Sequence-specific DNA recognition by polyamides, <i>Curr. Opin. Chem. Biol.</i> , 3:688-693		
JM		DUVALVALENTIN et al., 1992, Specific inhibition of transcription by triple helix-forming oligonucleotides, <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 89:504-508		
JM		ERLANSON et al., 2000, Site-directed ligand discovery, <i>PNAS</i> , 97(17):9367-9372		
JM		FLOEGE et al., 1999, Novel Approach to Specific Growth Factor Inhibition <i>in Vivo</i> , <i>Am. J. Pathol.</i> , 154:169		
JM		FOSTER et al., 1999, Pharmacological Rescue of Mutant p53 Conformation and Function, <i>Science</i> , 286:2507-2510		
JM		FOX et al., 1984, DNA structural variations produced by actinomycin and distamycin as revealed by DNase a footprinting, <i>Nucleic Acids Res.</i> , 12:9271-9285		

Examiner Signature	Lavea McGillem	Date Considered	8/28/2006
--------------------	----------------	-----------------	-----------

Substitution for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			<i>Complete if Known</i>		
			Application Number	10/759,416	
			Filing Date	January 16, 2004	
			First Named Inventor	ANSARI, Aseem Z.	
			Group Art Unit	1636	
Examiner Name	LAURA MCGILLEM				
Sheet	3	of	4	Attorney Docket Number	09820.265

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T	
Jm		FOX, 2000, Targeting DNA with Triplexes, <i>Curr. Med. Chem.</i> , 7:17-37		
Jm		FRESHNEY, Culture of Animal Cells: A Manual of Basic Technique, 2 nd Ed., Alan Liss, Inc., New York, NY, 1987 (COPY NOT PROVIDED)		
Jm		GOEDDEL, ed., Gene Expression Technology, Methods in Enzymology, 185, Academic Press, San Diego, Calif., 1991 (COPY NOT PROVIDED)		
Jm		GREHN & RAGNARSSON, 1981, Novel Efficient Total Synthesis of Antiviral Antibiotic Distamycin A, <i>J. Org. Chem.</i> , 46:3492		
Jm		GREHN et al., 1990, The Preparation and Properties of Partially Protected 4-Amino-1-methylimidazole-2-carboxylic Acids to be Used as Intermediates in the Synthesis of Analogues of Distamycin A, <i>Acta. Chim. Scand.</i> , 44:67		
Jm		GREISMAN & PABO, 1997, A General Strategy for Selecting High-Affinity Zinc Finger Proteins for Diverse DNA Target Sites, <i>Science</i> , 275:657-661		
Jm		HICKE et al., 1996, DNA Aptamers Block L-Selectin Function In Vivo, <i>J. Clin. Invest.</i> , 98:2688		
Jm		HO, 1994, Specific inhibition of formation of Transcription complexes by a calicheamicin oligosaccharide: A paradigm for the development of transcriptional antagonists, <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 91:9203-9207		
Not considered Not provided		INNIS et al., PCR Protocols: A Guide to Methods and Applications, Academic Press, San Diego, Calif. 1990 (COPY NOT PROVIDED)		
Jm		JAMIESON et al., 1994, In Vitro Selection of Zinc Fingers with Altered DNA-Binding Specificity, <i>Biochemistry</i> , 33:5689-5695		
Jm		LERMAN, 1961, Structural Considerations in the Interaction of DNA and Acridines, <i>J. Mol. Biol.</i> , 3:18-30		
Not considered Not provided		LEWIN, Genes VI, Oxford University Press, New York, 1987 (COPY NOT PROVIDED)		
Jm		LIU et al., 1996, Sequence-selective carbohydrate-DNA interaction: Dimeric and monomeric forms of the calicheamicin oligosaccharide interfere with transcription factor function <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 93:940-944		
Jm		MAHER et al., 1992, Analysis of Promoter-Specific Repression by Triple-Helical DNA Complexes in a Eukaryotic Cell-Free Transcription System, <i>Biochemistry</i> , 31:70-81		
Jm		MALY et al., 2000, Combinatorial target-guided ligand assembly: Identification of potent subtype-selective c-Src inhibitors, <i>PNAS</i> , 97(6):2419-2424		
Jm		MERRIFIELD, 1963, Solid Phase Peptide Synthesis. I. The Synthesis of a Tetrapeptide, <i>Am. Chem. Soc.</i> , 85:2149-2154		
Jm		MERRIFIELD, 1986, Solid Phase Synthesis, <i>Science</i> , 232:341-347		

Examiner Signature	<i>Laura McGillem</i>	Date Considered	8/25/2006
--------------------	-----------------------	-----------------	-----------

Substitution for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		<i>Complete if Known</i>			
		Application Number	10/759,416		
		Filing Date	January 16, 2004		
		First Named Inventor	ANSARI, Aseem Z.		
		Group Art Unit	1636		
Examiner Name	Laura McG. Uem				
Sheet	4	of	4	Attorney Docket Number	09820.265

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
Jm		MILTON et al., 1992, Total Chemical Synthesis of a D-Enzyme: The Enantiomers of HIV-1 Protease Show Demonstration of a Reciprocal Chiral Substrate Specificity. <i>Science</i> , 256:1445	
Jm		MITCHELL et al., 1978, A New Synthetic Route to tert-Butyloxycarbonylaminoacyl-4-(oxymethyl)phenylacetamidomethyl-resin, an Improved Support for Solid-Phase Peptide Synthesis, <i>J. Org. Chem.</i> , 43:2845	
Jm		MOSER & DERVAN, 1987, Sequence-Specific Cleavage of Double Helical DNA by Triple Helix Formation, <i>Science</i> , 238:645-650	
Jm		MRKSICH et al., 1992, Antiparallel side-by-side dimeric motif for sequence-specific recognition in the minor groove of DNA by the designed peptide 1-methylimidazole-2-carboxamide netropsin, <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 89:7586-7590	
Jm		MRKSICH et al., 1993, Antiparallel Side-by-Side Heterodimer for Sequence-Specific Recognition in the Minor Groove of DNA by a Distamycin/1-Methylimidazole-2-carboxamide-netropsin Pair, <i>J. Am. Chem. Soc.</i> , 115:2572	
Jm		MRKSICH et al., 1995, Recognition in the Minor Groove of DNA at 5'-(A,T)GCGC(A,T)-3' by a Four Ring Tripeptide Dimer, Reversal of the Specificity of the Natural Product Distamycin, <i>J. Am. Chem. Soc.</i> , 117:3325	
Not considered Not provided		MURRAY, ed., Gene Transfer and Expression Protocols , pp. 109-128, The Human Press Inc., Clifton, NJ (COPY NOT PROVIDED)	
Jm		NAFFIN et al., 2003, Immobilized Peptides as High-Affinity Capture Agents for Self-Associating Proteins, <i>Chemistry & Biology</i> , 10:251-259	
Jm		NIELSEN, 2001, Peptide Nucleic Acid Targeting of Double-Stranded DNA, <i>Methods Enzymol.</i> , 340:329-340	
Jm		PAGRATIS et al., 1997, Potent 2'-amino-, and 2'-fluoro-2'-deoxyribonucleotide RNA inhibitors of keratinocyte growth factor, <i>Nat. Biotech.</i> , 15:68	
Jm		ZHANG & HERDEWUN, 2001, Selection of An Unnatural Peptide Library for dsDNA Binding, <i>Curr. Med. Chem.</i> , 8:517-531	

Examiner Signature	<i>Laura McG. Uem</i>	Date Considered	8/28/2006
--------------------	-----------------------	-----------------	-----------